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		Application Number	10/083,157
		Filing Date	February 27, 2002
		First Named Inventor	Kazuhiko HANAWA
		Art Unit	2185
Sheet 1 of 1	Examiner Name	381AS/50958	
		Attorney Docket Number	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
		US-				
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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ² -Number ⁴ -Kind Code ⁵ (if known)					
		JP 2001-134543		05-18-2001	Canon Inc.		
		JP 2-28720		01-30-1990	Fujitsu Ltd.		
		JP 57-52996		03-29-1982			
		JP - 60-566		01-05-1985	Fujitsu Ltd.		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

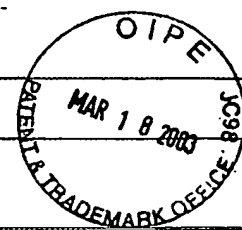
Examiner Signature	<i>Shaoh. Qiu</i>	Date Considered	11-23-05
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FORM PTO-1449 U.S. Department of Commerce Patent & Trademark Office INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>	Attorney Docket No. 56203.50958US	Serial No. 10/083,157
	Applicant: Kazuhiko HANAWA	
	Filing Date February 27, 2002	Group



U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date (if appropriate)
sl	AA	5659748	08/1997	Kennedy	—	—	
J	AB	5757639	05/1998	Yamada	—	—	
↓	AC	5687073	11/1997	Kishimoto	—	—	
	AD						
	AE						
	AF						
	AG						
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FOREIGN PATENT DOCUMENTS								
Examiner Initial		Document Number	Date	Name	Class	Sub- Class	TRANSLATION	
							Yes	No
sl	AK	0840224 J	05/1998	Europe	—	—		
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)									
	AQ	European Search Report							
	AR								
	AS								

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	Applicant Kazuhiko HANAWA	
	Filing Date February 27, 2002	Group 2155

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U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date (if appropriate)
	AA						
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FOREIGN PATENT DOCUMENTS							
		Document	Date	Country	Class	Sub-class	Translation Yes No
ll	AK	8-55097 ↓	2/27/96	Japan	—	—	Abstract
	AL						
	AM						
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